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U.S. Department of Commerce  
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**PATENT**

## UTILITY PATENT APPLICATION TRANSMITTAL

Assistant Commissioner for Patents  
Washington, D.C. 20231  
BOX PATENT APPLICATION

Customer No.: 23696  
Attorney Docket No.: 000359  
Date: 5/21/01  
Express Mail Label No.: ET100743235US

**23696**

PATENT TRADEMARK OFFICE

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Nagabhushana Sindhushayana et al.

For: Enhanced Channel Interleaving For Optimized Data Throughput.

Enclosed are:

1.  Patent application (40) total pages.
2.  Drawings:  Formal ( ) sheet(s) or  Informal (6) sheet(s).
3.  Declaration/Power of Attorney:  Signed  Unsigned
4.  Priority Claim: This Application Claims Priority To Pending U.S. Application Serial No. , filed,
5.  An Assignment ( ) pages and Recordation Form Cover Sheet.
6.  A Preliminary Amendment ( ) pages.
7.  Information Disclosure Statement (IDS):
  - a.  PTO-1449
  - b.  Copies of IDS Citations (number of citations: )
8.  Other: Certificate of Express Mail and Postcard

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	30 - 20	10	x \$18 =	\$180
Independent**	5 - 3	2	x \$80 =	\$160
Multiple Dependent Claim(s):	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		\$270	\$0
APPLICATION FILING FEE			\$710	\$710
			TOTAL FEE	\$1050

\*If the number in column a is less than 20, enter 0 in column b.  
\*\*If the number in column b is less than 3, enter 0 in column b.

9.  Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$1050.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
10.  The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: 5/21/01

Signature: 

Kyong H. Macek, Reg. No. 42,977  
(858) 651-5797

QUALCOMM Incorporated  
Attn: Patent Department  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 651-4404  
Facsimile: (858) 658-2502

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of )  
SINDHUSHAYANA ET AL. ) For: ENHANCED CHANNEL  
Serial No. UNKNOWN ) INTERLEAVING FOR  
Filed: HEREWITH ) OPTIMIZED DATA THROUGHPUT  
                      ) Group Art Unit: UNKNOWN

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

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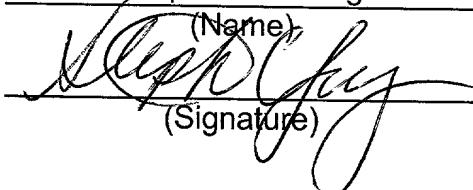
Dear Sir:

"Express Mail" mailing label No. ET100743235US  
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I hereby certify that this paper or fee (Transmittal Letter with Fee Authorization; Utility Patent Application consisting of 40 pages; 6 Informal Drawing Sheets; a Combined Declaration/Power of Attorney (filed Unsigned); and a Return Self-Addressed Stamped Postcard) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents, BOX PATENT APPLICATION, Washington, D.C. 20231.

Stephanie Young

(Name)

  
(Signature)

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